

Notice of Allowability

Application No.

09/684,053

Examiner

Wen-Tai Lin

Applicant(s)

KADYK ET AL.

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2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed on 11/10/2004.
2. ☒ The allowed claim(s) is/are 1-13 and 19-23 and 25-27, renumbered as 1-21.
3. ☒ The drawings filed on 06 October 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Allen Jaw
1/14/05

EXAMINER'S AMENDMENT

1. An examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable, an amendment may be filed as provided by 37 C.F.R. 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

2. Authorization for the examiner's amendment was given in a telephone interview with Mr. Jens Jenkins, reg. no. 44803, on January 14, 2005.

3. In the claims:

Please replace claim 1 with the following:

1. (Currently Amended) In a network that includes an expert proxy server computer system that is coupled to a plurality of wireless devices through a limited bandwidth wireless network, wherein the expert proxy server is coupled through a network to a plurality of server computer systems, the expert proxy server either directly or in conjunction with the plurality of server computer systems offering a plurality of applications that provide a service, a method of the expert proxy server acting as an agent for a wireless device so as to preserve the limited bandwidth of the wireless network and so as to preserve the limited memory and processing capacity of the wireless device, the method comprising the following:

a specific act of the expert proxy server computer system determining that a service is to be provided to a wireless device, wherein said determining is other

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than determining whether data is stored in a local cache, the service
corresponding to a generic application stored on the wireless device;

a specific act of the expert proxy server computer system identifying an application that provides the service, the application being stored remotely from both the wireless device and the expert proxy server and providing the service through specific implementations of tasks that the generic application stored on the wireless device is not capable of implementing;

a specific act of the expert proxy server computer system communicating with the identified application that provides the service, such that ~~the wireless device is spared having to interface directly with the identified application~~with only a simple request for service, the wireless device is spared having to make any further response to the expert proxy server for the service over the limited bandwidth wireless network;

a specific act of the expert proxy server computer system compiling the results of the communication with the application;

subsequent to compiling the results, translating or transcoding the communication into a generic format that can be recognized by the wireless device and that can be interpreted by the generic application; and

a specific act of the expert proxy server computer system transmitting the formatted compilation to the wireless device over the limited bandwidth wireless network.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wen-Tai Lin whose telephone number is (571)272-3969. The examiner can normally be reached on Monday-Friday (8:00-5:00) .

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on (571)272-3964. The fax phone

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numbers for the organization where this application or proceeding is assigned are as follows:


(703)872-9306 for official communications; and

(571)273-3969 for status inquires draft communication.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Wen-Tai Lin

January 14, 2005


1/14/05